

(2) ship Aug 3

Work Order ID 72345-1



Page 1

Friday, July 22, 2011 2:46:12 PM

Item ID: D139-799-013

Accept



Setup Start



Revision ID:

Item Name: Cargo Door Hinge

Stop



Start Date: 7/22/2011

Start Qty: 6.00

Cust Item ID:

Required Date: 7/29/2011

Req'd Qty: 6.00

Customer:

Reference:

U/R

Run Start



Stop



Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN-D139-799

D

100

0.00



DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPP D139-799-013
CHG002

Sulac/17

OK for BG 11-8-12 (5)

110

Pick Kit

0.00



Packaging

Packaging

Memo

0.00

11/8/14 (4) (5)

120

QC4- 100% Inspect kits for completeness

0.00



QC

Quality Control

Memo

0.00

Sulac/17

(parts are still under review)

(5)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 72345



Page 2

Friday, July 22, 2011 2:46:12 PM

Item ID: D139-799-013

Accept



Setup Start



Revision ID:

Stop



Item Name: Cargo Door Hinge

Start Date: 7/22/2011 Start Qty: 6.00



Cust Item ID:

Required Date: 7/29/2011 Req'd Qty: 6.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
	Packaging								
Packaging	Memo	0.00							
	Identify and pack for shipping as per PPP D139-799-013								
	Location: _____								
	PPP rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
	QC								
Quality Control	Memo	0.00							

11/8/7

11/8/18

MF 11-08-18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 1

Friday, July 22, 2011 2:46:18 PM

Work Order ID: 72345



Parent Item: D139-799-013



Parent Item Name: Cargo Door Hinge

Start Date: 7/22/2011

Required Date: 7/29/2011

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP Rev:A 10.06.08 new issue DD verf:JLM
AS PER ECN 11-598 11-06-05 JLM VERIFIED BY:DD

IPP REV:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2585		Manufactured	No			110	Each	61.0000	1	61			
-------	--	--------------	----	--	--	-----	------	---------	---	----	--	--	--



Mounting Channel

Location

Loc Qty

Loc Code

ST017

61

69536

5

70814

56

D2586		Manufactured	No			110	Each	84.0000	1	84			
-------	--	--------------	----	--	--	-----	------	---------	---	----	--	--	--



Door Latch

Location

Loc Qty

Loc Code

ST204

84

64774

34

70557

50

D2621		Manufactured	No			110	Each	28.0000	1	28			
-------	--	--------------	----	--	--	-----	------	---------	---	----	--	--	--



Latch Plate, 350 Spacepod

Location

Loc Qty

Loc Code

ST019

28

56526

28

D3552-13		Manufactured	No			110	Each	7.0000	1	7			
----------	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--



Door Prop

Location

Loc Qty

Loc Code

ST272A

7

69668

7

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Friday, July 22, 2011 2:46:18 PM

Work Order ID: 72345



Parent Item: D139-799-013



Parent Item Name: Cargo Door Hinge

Start Date: 7/22/2011

Required Date: 7/29/2011

Start Qty: 6.00

Required Qty: 6.00

D3622-1 Manufactured No

110

Each

24.0000

1



Ball Stud

Location

Loc Qty

Loc Code

ST070

24

67284

3

71540

21

D3622-3 Manufactured No

110

Each

38.0000

1



Ball Stud

Location

Loc Qty

Loc Code

ST070

38

53951

38

D4072-1 Manufactured No

110

Each

20.0000

2



Airframe Hinge

Location

Loc Qty

Loc Code

ST121

20

71535

20

D4072-3 Manufactured No

110

Each

16.0000

2



Airframe Hinge Backing Plate

Location

Loc Qty

Loc Code

ST119

16

71536

16

D4072-5 Manufactured No

110

Each

11.0000

4



Bushing

Location

Loc Qty

Loc Code

ST119

11

71537

11

Friday, July 22, 2011 2:46:18 PM

Shop Packet Print

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

Picklist Print

Friday, July 22, 2011 2:46:18 PM

Work Order ID: 72345

Parent Item: D139-799-013

Parent Item Name: Cargo Door Hinge

Start Date: 7/22/2011

Required Date: 7/29/2011

Start Qty: 6.00

Required Qty: 6.00

S 74
D4073-1
Door Hinge

Manufactured No 110 Each 20.0000 2

Location Loc Qty Loc Code

ST120 20
71539 20

S 74
D4073-3
Door Hinge Backing Plate

Manufactured No 110 Each 14.0000 2

Location Loc Qty Loc Code

ST120 14
71541 14

S 74
D4074-1
Bracket

Manufactured No 110 Each 12.0000 1

Location Loc Qty Loc Code

ST122 12
71542 12

S 74
D4074-3
Channel

Manufactured No 110 Each 15.0000 1

Location Loc Qty Loc Code

ST120 15
71543 15

S 74
D4074-5
Backing Plate

Manufactured No 110 Each 15.0000 1

Location Loc Qty Loc Code

ST122 15
71544 15

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

Picklist Print

Page 4

Friday, July 22, 2011 2:46:19 PM

Work Order ID: 72345

Parent Item: D139-799-013

Parent Item Name: Cargo Door Hinge

Start Date: 7/22/2011

Required Date: 7/29/2011

Start Qty: 6.00

Required Qty: 6.00

D4074-7

Manufactured No

110

Each

17.0000

1



Striker Plate



65
\$2112

Location

Loc Qty

Loc Code

ST120

17

71546

17

MS21042L3

Purchased

No

110

Each

1,430.000

20



Nut



120.00
sl

Location

Loc Qty

Loc Code

ST300

1430

117441

670

117601

400

117885

360

MS21042L5

Purchased

No

110

Each

1,320.000

1



Nut



16
116/4 sl (\$0)

Location

Loc Qty

Loc Code

ST300

1320

116105

5

116548

131

117441

498

117591

100

117611

90

118179

496

5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Picklist Print

Friday, July 22, 2011 2:46:19 PM

Work Order ID: 72345

Parent Item: D139-799-013

Parent Item Name: Cargo Door Hinge

Start Date: 7/22/2011

Required Date: 7/29/2011

Start Qty: 6.00

Required Qty: 6.00

MS27039-1-10 Purchased No

110 Each

155.0000 8



Screw

Location

Loc Qty

Loc Code

ST290

150

117441

150

ST291

5

115935

5

110 Each

132.0000 2

MS27039-1-14 Purchased No



Screw

Location

Loc Qty

Loc Code

MEZZ

132

112312

100

15924

32

Each

168.0000

MS27039-1-16 Purchased No



Screw

Location

Loc Qty

Loc Code

ST292

168

118384

168

110 Each

118.0000 1

MS27039-1-17 Purchased No



Screw

Location

Loc Qty

Loc Code

ST292

118

11540

18

117591

100

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Picklist Print

Friday, July 22, 2011 2:46:19 PM

Work Order ID: 72345

Parent Item: D139-799-013

Parent Item Name: Cargo Door Hinge

Start Date: 7/22/2011

Required Date: 7/29/2011

Start Qty: 6.00

Required Qty: 6.00

NAS1149D0363J

Purchased

No

110

Each

2,796.000

18

118 90



Washer

Location

Loc Qty

Loc Code

ST298

2796

117505

426

117601

370

118077

2000

90

NAS1149D0663J

Purchased

No

110

Each

991.0000

1



Washer

Location

Loc Qty

Loc Code

ST298

991

115996

5

117291

86

117977

500

118378

400

5

NAS1515H5L

Purchased

No

110

Each

128.0000

4



WASHER

Location

Loc Qty

Loc Code

FG

40

103691

40

ST277

88

111359

5

118378

83

20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

5.0 PARTS LIST

Qty -011	Qty -012	Qty -013	Qty -015	Qty -017	Part Number	Description
X					D139-799-011	MAINTENANCE STEP KIT
	X				D139-799-012	MAINTENANCE STEP KIT
		X			D139-799-013	CARGO DOOR HINGE KIT
			X		D139-799-015	ENGINE WASH KIT
				X	D139-799-017	FLOOR PROTECTOR KIT
		1			D2585	MOUNTING CHANNEL
		1			D2586	DOOR LATCH
		1			D2621	LATCH PLATE
		1			D3552-13	DOOR PROP
				2	D3580-1	JOGGLE BRACKET
		1			D3622-1	BALL STUD
		1			D3622-3	BALL STUD
				2	D3628-1	CUPPED WASHER
		2			D4072-1	AIRFRAME HINGE
		2			D4072-3	AIRFRAME HINGE BACKING PLATE
		4			D4072-5	BUSHING
		2			D4073-1	DOOR HINGE
		2			D4073-3	DOOR HINGE BACKING PLATE
		1			D4074-1	BRACKET
		1			D4074-3	CHANNEL
		1			D4074-5	BACKING PLATE
		1			D4074-7	STRIKER PLATE
1					D4092-041	MAINTENANCE STEP ASSEMBLY
	1				D4092-042	MAINTENANCE STEP ASSEMBLY
			2		D4121-1	HOSE ASSEMBLY
			1		D4121-3	HOSE ASSEMBLY
			1		D4121-5	HOSE ASSEMBLY
				1	D4130-5	FWD CARGO FLOOR PROTECTOR
				1	D4130-7	CENTER CARGO FLOOR PROTECTOR
				1	D4130-9	AFT CARGO FLOOR PROTECTOR
			1		D4131-041	MANIFOLD ASSEMBLY
			1		D4131-043	DOUBLER ASSEMBLY
			2		D4146-1	FITTING
				2	D4153-1	JOGGLE BRACKET
				2	D4166-1	PLACARD, MAX LOAD
			2		D4182-1	FITTING, QUICK DISCONNECT
			1		D4384-1	PLACARD
4	4				AN6H12	BOLT
			4		AN526-1032R16	SCREW
			2		AN832-6J	UNION
			4		AN924-6J	NUT
		20			MS21042L3	NUT (OR MS21042-3)
		1			MS21042L5	NUT (OR MS21042-5)
			20		MS21919WDG09	CLAMP
		8			MS27039-1-10	SCREW
		2			MS27039-1-14	SCREW
		8			MS27039-1-16	SCREW
		1			MS27039-1-17	SCREW
		18			NAS1149D0363J	WASHER (or AN960JD10)
6	6	1			NAS1149D0663J	WASHER (or AN960JD616)
			2		NAS1149C0932R	WASHER (or AN960C916L)
		4			NAS1515H-5L	WASHER

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Revision: D

Date: 11.06.10

Melanie Fauteux

From: dshepherd@dartaero.com
Sent: Wednesday, August 17, 2011 11:01 AM
To: Melanie Fauteux; Mike Petsche; 'Chris Provencal'
Cc: 'Eric Downing'; 'Carrie Pearson'; Bill Beckett; 'Kim Johnston'
Subject: Re: d139-799-015/013

Melanie,

Because the orders are so large, we are proceeding with caution when we ship -013/-015. Chevron has not yet tried the kits, so we should be shipping the order for 2 x -013 and 1 x -015 to them right away, but waiting for feedback before shipping the rest of the order.

The -011/-012 require a change to make them functional. I am anticipating that by mid Sept, we should have the data approved to be able to ship functional -011/-012 steps.

David

Sent from my BlackBerry device on the Rogers Wireless Network

From: "Melanie Fauteux" <mfauteux@dartaero.com>
Date: Wed, 17 Aug 2011 10:38:25 -0400
To: 'Mike Petsche' <mpetsche@dartaero.com>; 'David Shepherd' <dshepherd@dartaero.com>; 'Chris Provencal' <cprovencal@dartaero.com>
Cc: 'Eric Downing' <edowning@dartaero.com>; 'Carrie Pearson' <carrie@darths.com>; 'Bill Beckett' <bbeckett@dartaero.com>; 'Kim Johnston' <kjohnston@dartaero.com>
Subject: RE: d139-799-015/013

Thanks and are we able to ship out the D139-799-013/015 to Chevron for the install? The blue file says ok to ship out to era only. Can anyone please clarify?

Melanie

From: Mike Petsche [mailto:mpetsche@dartaero.com]
Sent: Wednesday, August 17, 2011 10:27 AM
To: 'Melanie Fauteux'; 'David Shepherd'; 'Chris Provencal'
Cc: 'Eric Downing'; 'Carrie Pearson'; 'Bill Beckett'; 'Kim Johnston'
Subject: RE: d139-799-015/013

As we touched on yesterday, I think end of sept is more realistic. The dwgs are (close to being) updated. But this is an FAA approval. So David cannot approve it. So that is the long pole in the tent.

From: Melanie Fauteux [mailto:mfauteux@dartaero.com]
Sent: August 17, 2011 10:22 AM
To: 'David Shepherd'; Mike Petsche; 'Chris Provencal'
Cc: 'Eric Downing'; Carrie Pearson; Bill Beckett; 'Kim Johnston'
Subject: RE: d139-799-015/013